

# THE SPANISH-AMERICAN

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## PREVENTION OF SMUT

Several of the farmers have called at this office for a copy of the Spanish-American of July 29th containing the article written by Mr. R. S. Trumbull on "Prevention of Smut," and as the article is very long and for lack of space, we will only give the formulas as he gives them.

Of the several methods of treating wheat for smut, I will mention but two which I consider most applicable for the farmers on the mesa:

1. Copper Sulphate and Lime treatment.

2. Formalin treatment.

Directions for applying copper sulphate and lime treatment:

One pound of crystallized commercial copper sulphate, also known as blue stone or blue vitriol, is dissolved in 25 gallons of water by tying the copper sulphate crystals in a piece of coarse gunny sack and suspending them just below the surface of the water. A convenient arrangement for treating the wheat is to use barrels or tanks having a bunghole at the bottom protected on the inside by a piece of wire screen so that the liquid can be drawn off. Fill the barrels or tanks about two thirds full of grain. The wheat is soaked in the blue stone solution for about 12 hours and then for 5 minutes in lime water, which is made by soaking 1 pound of good stone lime and diluting to 10 gallons of water after it is slaked. The wheat should be stirred several times while in the blue stone solution and should be agitated thoroughly while being dipped in the lime water. If the wheat contains much smut, it should first be washed, filling the barrel to the top with water. Stir well with hoe or paddle and skim off any smut balls which come to the top. These smut balls must be burned or buried as they contain the spores or germs of the smut fungus and are able to infect wheat again after it has been treated. The water is now drained off and the wheat is ready for treatment.

Crystallized copper sulphate in 10 pound lots should cost you not to exceed 10 or 12 cents per pound, so that 50 gallons of solution can be made at cost of about 25 cents.

The copper sulphate treatment is often used without the lime water, but the germinating power of the seed is likely to be injured.

Directions for applying formalin treatment:

Formalin is a trade name for a 40 percent solution of formaldehyde, and it is important to know the solution used is of full strength and that the bottles contain full weight. One pound of

## CALL FOR REPUBLICAN STATE CONVENTION

Whereas, pursuant to the provisions of the Enabling Act and the resolution admitting New Mexico into the sisterhood of states, the Governor of New Mexico has issued his proclamation ordering an election to be held on Tuesday, November 7, 1911, for the purpose of electing the various congressional, state, legislative, judicial and county officers authorized by the constitution heretofore adopted by the people of New Mexico.

Now, therefore, pursuant to and in accordance with resolutions adopted by the Republican central committee of New Mexico in convention assembled at Santa Fe, New Mexico, on Tuesday, September 5, 1911, a call is hereby issued for the holding of the first Republican State Convention in the city of Las Vegas, New Mexico, at 10 o'clock in the forenoon of Thursday, the 28th day of September, A. D. 1911, for the purpose of nominating candidates for the various congressional and state offices created and authorized by law; and the Republican central committees of the various counties of the new state, except as otherwise by this committee ordered, are requested to issue call for the holding, upon such notice and date as they may deem expedient, county conventions for the purpose of electing delegates to said State Convention, at which the basis of representation shall be 1 delegate for each 100, or fraction thereof of 50 or more, of the votes cast for the Republican candidate for delegate to congress at the election of 1908, and 1 delegate at large from each county now in existence; upon which basis the representation at said State Convention from the several counties of New Mexico shall be as follows:

Bernalillo,	25
Chaves,	10

formalin should be dissolved in 50 gallons of water and then sprinkled over the seed of the wheat which is spread out on the floor or other smooth surface. The formalin solution is best applied with a sprinkling pot. The wheat must be shoveled over until it is thoroughly wet with this solution. The grain should be left in a pile for two or three hours and then spread out thin to dry. One gallon of the solution will wet about one bushel of grain, so that sprinkling in this manner is much more economical than immersing. The formalin gives off pungent fumes, and for this

Colfax,	17
Curry,	5
Dona Ana,	18
Eddy,	4
Grant,	10
Guadalupe,	11
Lincoln,	9
Luna,	3
McKinley,	5
Mora,	15
Otero,	7
Quay,	11
Rio Arriba,	16
Roosevelt,	7
Sandoval,	10
San Juan,	6
San Miguel,	30
Santa Fe,	17
Sierra,	5
Socorro,	17
Taos,	13
Torrance,	8
Union,	14
Valencia,	15

Total,

303

It is recommended that in event the same delegates are not elected delegates to the judicial and legislative district conventions that the same basis be used in the election of such district delegates and that such conventions shall be called and held, after the state convention, at such time and place as may be agreed upon by the chairmen of the central committees of the several counties composing the respective districts mentioned, or in default of agreement by said chairmen, by a majority of the delegates elect to such district convention.

It is further recommended that the Republican county conventions in and for the several counties, for the nomination of county officers, be held after the State Convention.

H. O. BURSUM,  
Chairman.

JOSE D. SENA,  
Secretary.

reason it is probably the most effective treatment for wheat smut that can be applied in this manner. Much less solution is required than in the copper sulphate treatment.

## Big Dance.

There will be a big dance tonight at I. O. O. F. Hall, to which everybody is invited. There will be no admission charged, and a collection only sufficient to pay for hall and music will be taken. Good music and good floor. Everybody come.

## ROY DISTRICT FAIR

The premium list for the Roy District Fair is off the press and is being rapidly distributed where it will do the most good. It is a neat 4x10 inch 8 page folder, and offers nearly \$1,000 in special and regular premiums, besides containing advertisements of the live business houses of Roy. In addition to this the Association has issued an attractive poster in two colors setting forth the main facts connected with the Fair, and the work of advertising the Roy District Fair has been most thorough and effective. The donations of special prizes for the occasion has been most generous. All the wholesale houses who do business in Roy have responded generously and their gifts are in the line of legitimate advertising. There is one notable exception to this rule, namely the International Harvester Co., who found themselves too poor and do business on too narrow a margin to come through with anything. Our readers will find this in line with what they have already learned of this particular aggregation, so further comment is unnecessary.

Crops are looking fine now and the leading thought with everyone in the district is that they must bring something to the Fair. The exhibit will undoubtedly be one of the best ever shown in the territory in a small town, and it is the biggest thing in its line that has ever been attempted here.

President Boulware and Secretary W. Fred Ogden are fulfilling all the expectations of the association who chose them for the arduous task of pulling this Fair through its initial stage, and they have loyal support all over the mesa.

## New Addition to the Goodman Mercantile Co.

The attraction is a magnificent Millinery display. Miss Lillian Greiner has arrived from the East, where she made an elaborate and up-to-date selection of elegant millinery. Miss Greiner has charge of the millinery department. A cordial invitation is extended to you to visit our store and inspect our millinery, also a full line of fall goods of every description which are arriving daily.

## Notice.

Members of the Executive Committee of the Roy District Fair Association are notified to meet at the office of the secretary on Wednesday, Sept. 27th, at 2 p. m. The chairmen of all the other committees will please be present and submit reports.

By order of the president.

R. W. BOULWARE,

Pres.

W. FRED OGDEN,  
Secy.